

Request for Entry of POA
U.S. Patent No. 7,131,956

DEC 12 2007

Attorney Docket No.: 02508.0087

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIALYSIS MACHINE AND METHOD OF CONTROLLING IT

the specification of which:

is attached hereto; or

was filed as United States Application Serial No. _____
on March 21, 2001, and was amended on _____
(if applicable); or

was filed as PCT International Application Number PCT/IB00/01069
on July 28, 2000 and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s), designating at least one country other than the United States, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
Italy	TO99A000680	July 30, 1999	X YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)

From Gov't
02/28/08

DEC 12 2007

Attorney Docket No.: 02508.0087

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsfold, Reg. No. 22,593; Tipton D. Jennings IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilly, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewis, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Dirk D. Thomas, Reg. No. 32,600; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; and Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33,921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Allen R. Jensen, Reg. No. 28,224; Lori Ann Johnson, Reg. No. 34,498; and David A. Manspeizer, Reg. No. 37,540 and _____ Please address all correspondence to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, 1300 I Street, N.W., Washington, D.C. 20005, Telephone No. (202) 408-4000.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of first Inventor	Inventor's Signature	Date
Paolo PIRAZZOLI	<i>Paolo Pirazzoli</i>	12/6/07
Residence	Country of Citizenship	
San Prospero, Italy	Italy	
Post Office Address		
Piazza Gramsci, 9, I-41030 San Prospero, Italy		

DEC 12 2007

Attorney Docket No.: 02508.0087

Full Name of Second Inventor Antonio BOSETTO	Inventor's Signature <i>Antonio Bosetto</i>	Date 12 IV 2001
Residence Mirandolla, Italy	Country of Citizenship Italy	
Post Office Address Via Ippolito Nievo, 18/A, I-41036 Mirandolla, Italy		

Full Name of Third Inventor Francesco PAOLINI	Inventor's Signature <i>Francesco Paolini</i>	Date 12/4/2001
Residence Ganaceto, Italy	Country of Citizenship Italy	
Post Office Address Strada Forghieri, 229, I-41010 Ganaceto, Italy		



US007131956B1

(12) **United States Patent**
Pirazzoli et al.

(10) Patent No.: US 7,131,956 B1
(45) Date of Patent: Nov. 7, 2006

- (54) DIALYSIS MACHINE AND METHOD OF CONTROLLING IT

- (75) Inventors: **Paolo Pirazzoli**, San Prospero (IT);
Antonio Bosetto, Mirandola (IT);
Francesco Paulini, Ganaceto (IT)

- (73) Assignee: **Gambro Hospal Schweiz AG, Basel**
(CH)

- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1218 days.

- (21) Appl. No.: 09/787,624

- (22) PCT Filed: Jul. 28, 2000

- (86) PCT No.: PCT/TB00/01069

- § 371 (c)(1),
(2), (4) Date: **Jul. 15, 2003**

- (87) PCT Pub. No.: WO01/08723

- PCT Pub. Date: Feb. 8, 2001

- (30) Foreign Application Priority Data

- Jul. 30, 1999 (U) TO99A0680

- (51) **Int. Cl.**
A61M 37/00 (2006.01)
C02F 1/44 (2006.01)
C02F 1/00 (2006.01)
B01D 35/14 (2006.01)
A31M 1/36 (2006.01)

- (52) U.S. Cl. 604/6.09; 604/4.01; 604/5.01;
604/5.04; 604/6.11; 210/739; 210/85; 210/645;
210/646; 210/650; 422/44

- (58) **Field of Classification Search** 604/4.01.
604/5.01, 5.04, 6.09, 6.11; 210/600, 634,
210/644-646, 739-746, 195.2, 203, 321.6,
210/321.71, 416.1, 433.1, 85, 97, 143, 650;
422/44-48

See application file for complete search history.

- (56)
- References Cited**

U.S. PATENT DOCUMENTS

5,366,630	A	(1/1994	Chevaller	210/645
5,401,238	A	3/1995	Pirazzoli	604/4
5,702,597	A *	12/1997	Chevallat et al.	210/195.2
5,762,805	A *	6/1998	Tmit et al.	210/645
5,954,951	A *	9/1999	Nuccio	210/87
6,471,872	B1 *	10/2002	Kitavich et al.	210/739
6,730,233	B1 *	5/2004	Padrazzi	210/739
6,966,979	B1 *	(1/2005	Padrazzi	210/85

FOREIGN PATENT DOCUMENTS

DE 4024434 2/1992

OTHER PUBLICATIONS

Norma Kohei, "Controller for Blood Pump", Patent Abstracts of Japan of JP 07 265416, (Oct. 17, 1995).

* cited by examiner

Primary Examiner—Tatyana Zalukaeva

Assistant Examiner—Leslie R. Deak

(74) *Attorney, Agent, or Firm*—Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.

- (57) ABSTRACT

A dialysis machine comprises: means for calculating (60) a filtration factor (FF) as a function of the ultrafiltration rate (UFR) and of a plasma flow rate (Q_p); first comparison means (65) for comparing the filtration factor (FF) with a limit value of admissibility; and signaling means (70) for generating a signal (Δ) indicating the result of the comparison.

17 Claims, 2 Drawing Sheets

